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Document reuse and semantics: Towards a semantics for XML markup Allen Renear, David Dubin, C. M. Sperberg-McQueen

November 2002 Proceedings of the 2002 ACM symposium on Document engineering

Full text available: pdf(72,89 KB)

Additional Information: full citation, abstract, references, citings, index terms

Although XML Document Type Definitions provide a mechanism for specifying, in machinereadable form, the syntax of an XML markup language, there is no comparable mechanism for specifying the semantics of an XML vocabulary. That is, there is no way to characterize the meaning of XML markup so that the facts and relationships represented by the occurrence of XML constructs can be explicitly, comprehensively, and mechanically identified. This has serious practical and theoretical consequence ...

**Keywords:** SGML, XML, knowledge representation, markup, semantics

2 Markup systems and the future of scholarly text processing James H. Coombs, Allen H. Renear, Steven J. DeRose November 1987 Communications of the ACM, Volume 30 Issue 11

Full text available: pdf(1.91 MB)

Additional Information: full citation, abstract, references, citings, index terms, review

Markup practices can affect the move toward systems that support scholars in the process of thinking and writing. Whereas procedural and presentational markup systems retard that movement, descriptive markup systems accelerate the pace by simplifying mechanical tasks and allowing the authors to focus their attention on the content.

3 Coordinating mathematical content and presentation markup in interactive mathematical documents

Samuel S. Dooley

August 1998 Proceedings of the 1998 international symposium on Symbolic and algebraic computation

Full text available: pdf(247.00 KB) Additional Information: full citation, references, citings, index terms

A generalized approach to document markup C. F. Goldfarb

cf g e

## June 1981 ACM SIGPLAN Notices, Proceedings of the ACM SIGPLAN SIGOA symposium on Text manipulation, Volume 16 Issue 6

Full text available: pdf(458.82 KB)
Addition

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> terms

Text processing and word processing systems typically require users to intersperse additional information in the natural text of the document being processed. This added information, called "markup," serves two purposes: 1. it separates the logical elements of the document; and 2. it specifies the processing functions to be performed on those elements.

5 Document access and understanding: Methods for the semantic analysis of document markup

ent

Petra Saskia Bayerl, Harald Lüngen, Daniela Goecke, Andreas Witt, Daniel Naber November 2003 **Proceedings of the 2003 ACM symposium on Document engineering** 

Full text available: pdf(230.61 KB) Additional Information: full citation, abstract, references, index terms

We present an approach on how to investigate what kind of semantic information is regularly associated with the structural markup of scientific articles. This approach addresses the need for an explicit formal description of the semantics of text-oriented XML-documents. The domain of our investigation is a corpus of scientific articles from psychology and linguistics from both English and German online available journals. For our analyses, we provide XML-markup representing two kinds of semantic ...

Keywords: XML, information extraction, prolog, semantic analysis

6 Tracing the roots of markup languages

Rishi Toshniwal, Dharma P. Agrawal

May 2004 Communications of the ACM, Volume 47 Issue 5

Full text available: pdf(191.70 KB)

Additional Information: full citation, abstract, references, index terms

Markup languages provide efficient ways of storing information on the Web and make the retrieval process easier. Indeed, its simplicity and added intelligence to the document makes it useful for messaging between clients and server.

7 Markup meets the mainstream: the future of content-based processing Charles Hill

August 1997 ACM SIGDOC Asterisk Journal of Computer Documentation, Volume 21 Issue 3

Full text available: pdf(338.34 KB) Additional Information: full citation, index terms

8 Generalized markup for literary analysis

Cheryl A. Fraser, David T. Barnard, George M. Logan

June 1986 Proceedings of the 5th annual international conference on Systems documentation

Full text available: pdf(450.92 KB) Additional Information: full citation, abstract, references, index terms

Easy interchange of texts among humanistic scholars and development of standard analytical tools for these texts require a standard for marking features of documents for literary analysis. The Standard Generalized Markup Language has been used as a basis for a standard, and the results are compared against a set of requirements for such a tool.

9
The eXtensible Rule Markup Language

News

h c g e cf

Jae Kyu Lee, Mye M. Sohn
May 2003 Communications of the ACM, Volume 46 Issue 5

Full text available: pdf(214.70 KB)
Additional Information: full citation, abstract, references, index terms

XRML explicates the rules implicitly embedded in Web pages, enabling software agents to process the rules automatically.

10 Systems: Avatar Markup Language

Sumedha Kshirsagar, Nadia Magnenat-Thalmann, Anthony Guye-Vuillème, Daniel Thalmann, Kaveh Kamyab, Ebrahim Mamdani

May 2002 Proceedings of the workshop on Virtual environments 2002

Full text available: pdf(290.52 KB) Additional Information: full citation, abstract, references, citings

Synchronization of speech, facial expressions and body gestures is one of the most critical problems in realistic avatar animation in virtual environments. In this paper, we address this problem by proposing a new high-level animation language to describe avatar animation. The Avatar Markup Language (AML), based on XML, encapsulates the Text to Speech, Facial Animation and Body Animation in a unified manner with appropriate synchronization. We use low-level animation parameters, defined by the M ...

**Keywords:** agent controlled animation, animation language, avatar animation, virtual human animation

11 Invited demonstrations: Tools for expressive text-to-speech markup

Erik Blankinship, Richard Beckwith

November 2001 Proceedings of the 14th annual ACM symposium on User interface software and technology

Full text available: pdf(199.44 KB) Additional Information: full citation, abstract, references, index terms

This paper describes handicapped accessible text-to-speech markup software developed for poetry and performance. Most text-to-speech software allows the user to select a voice, but provides no control over performance parameters such as rate, volume, and pitch. For users with vocal disabilities, the default "computer voice" is often dreaded since it provides no personalization. Evolving standards exist for text-to-speech markup (Sable, Java Speech Markup Language, Spoken Text Markup Language), b ...

Keywords: Assistive technology, text-to-speech, universal design

12 Queries-R-Links: graphical markup for test navigation

Gene Golovchinsky, Mark Chignell

May 1993 Proceedings of the SIGCHI conference on Human factors in computing systems

Full text available: pdf(809.83 KB)

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u> <u>terms</u>

In this paper we introduce a style of interaction (interactive querying) that combines features of hypertext with Boolean querying, using direct markup of text to launch queries. We describe two experiments that compare the relative ease of expressing Boolean queries as text versus a graphical equivalent. The results of these experiments show that the expression of queries in the graphical format is no more difficult than the textual equivalent. We then describe the Queries-R-Links system t ...

Keywords: hypertext, navigation, pen-based interaction, querying, text retrieval

13 Introduction to markup languages issue Jason Bedunah November 1999 Crossroads, Volume 6 Issue 2	
Full text available: fittnl(12.41 KB) Additional Information: full citation, index terms	
The linguistics of links: hyperphoric grammar markups for HTML documents David W. Norton May 1997 ACM SIGDOC Asterisk Journal of Computer Documentation, Volume 21 Full text available: Dof(542.92 KB) Additional Information: full citation, index terms	Issue 2
15 Genesis of a TeX-based markup metalanguage Alan E. Wittbecker September 1986 Proceedings of the 14th annual ACM SIGUCCS conference on U services: setting the direction Full text available: pdf(283.79 KB) Additional Information: full citation, index terms	ser
16 Managing security policies in a distributed environment using eXtensible markulanguage (XML) Nathan N. Vuong, Geoffrey S. Smith, Yi Deng March 2001 Proceedings of the 2001 ACM symposium on Applied computing Full text available: pdf(206.91 KB) Additional Information: full citation, references, index terms  Keywords: Java, RBAC, XML, distributed authorization, managing security policies language	
17 Session 3: XML applications: XrML — eXtensible rights Markup Language Xin Wang, Guillermo Lao, Thomas DeMartini, Hari Reddy, Mai Nguyen, Edgar Valenzud November 2002 Proceedings of the 2002 ACM workshop on XML security  Full text available: pdf(466.82 KB)  Additional Information: full citation, abstract, references, citings, terms, review  XrML (eXtensible rights Markup Language) is an XML-based language for digital rights management (DRM), providing a universal method for specifying rights and condition associated with the use and protection of digital content and services. Originally deat Xerox's Palo Alto Research Center (PARC), the specification facilitates the creation open architecture for digital rights management of content or services. It can be in with both existing and new DRM systems. XrML is a g  Keywords: DRM, XML, content distribution and usage, digital rights management, specification languages, standards	index ints ions eveloped on of an itegrated
18 MultiMedia: Semi-automated Hyperlink markup for archived video David Stotts, Jason McC. Smith June 2002 Proceedings of the thirteenth ACM conference on Hypertext and	

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Additional Information: full citation, references, citings, index terms Full text available: pdf(966,40 KB)

19 Ontologies: Vocabulary development for markup languages: a case study with maritime information

Raphael Malyankar

May 2002 Proceedings of the eleventh international conference on World Wide Web

Full text available: pdf(640.32 KB) Additional Information: full citation, abstract, references, index terms

This paper describes the process of constructing a markup language for maritime information from the starting point of ontology building. Ontology construction from source materials in the maritime information domain is outlined. The structure of the markup language is described in terms of XML schemas and DTDs. A prototype application that uses the markup language is also described.

**Keywords:** XML, maritime information, ontologies

20 Group editing algorithms: Generalizing operational transformation to the standard general markup language

Aguido Horatio Davis, Chengzheng Sun, Junwei Lu

November 2002 Proceedings of the 2002 ACM conference on Computer supported cooperative work

Full text available: pdf(198.30 KB)

Additional Information: full citation, abstract, references, citings, index terms

In this paper we extend operational transformation to support synchronous collaborative editing of documents written in dialects of SGML (Standard General Markup Language) such as XML and HTML, based on SGML's abstract data model, the grove. We argue that concurrent updates to a shared grove must be transformed before being applied to each replica to ensure consistency. We express grove operations as property changes on positionally-addressed nodes, define a set of transformation functions, and ...

Keywords: SGML, XML, computer supported cooperative work, groves, operational transformation, synchronous collaborative editing

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1 XIRQL: a query language for information retrieval in XML documents Norbert Fuhr, Kai Großjohann

September 2001 Proceedings of the 24th annual international ACM SIGIR conference on Research and development in information retrieval

Full text available: pdf(234,90 KB)

Additional Information: full citation, abstract, references, citings, index

Based on the document-centric view of XML, we present the query language XIRQL. Current proposals for XML query languages lack most IR-related features, which are weighting and ranking, relevance-oriented search, datatypes with vague predicates, and semantic relativism. XIRQL integrates these features by using ideas from logic-based probabilistic IR models, in combination with concepts from the database area. For processing XIRQL queries, a path algebra is presented, that also serves as ...

Posters: XJ: integration of XML processing into java

Matthew Harren, Mukund Raghavachari, Oded Shmueli, Michael G. Burke, Vivek Sarkar, Rajesh Bordawekar

May 2004 Proceedings of the 13th international World Wide Web conference on Alternate track papers & posters

Full text available: 📆 pdf(239.65 KB) Additional Information: full citation, abstract, references, index terms

The increased importance of XML as a universal data representation format has led to several proposals for enabling the development of applications that operate on XML data. These proposals range from runtime API-based interfaces to XML-based programming languages. The subject of this paper is XJ, a research language that proposes novel mechanisms for the integration of XML as a first-class construct into Java<sup>™</sup>. The design goals of XJ distinguish it from pastwork on integrating XML s ...

Keywords: Java, XML, data integration

3 XML retrieval: Configurable indexing and ranking for XML information retrieval Shaorong Liu, Qinghua Zou, Wesley W. Chu

July 2004 Proceedings of the 27th annual international conference on Research and development in information retrieval

Full text available: pdf(362.36 KB) Additional Information: full citation, abstract, references, index terms

Indexing and ranking are two key factors for efficient and effective XML information retrieval. Inappropriate indexing may result in false negatives and false positives, and improper ranking may lead to low precisions. In this paper, we propose a configurable XML information retrieval system, in which users can configure appropriate index types for XML tags and text contents. Based on users' index configurations, the system transforms XML structures into a compact tree representation, Ctree, and ...

Keywords: XML indexing, XML information retrieval, XML ranking, ranking

#### 4 XML retrieval: Length normalization in XML retrieval

Jaap Kamps, Maarten de Rijke, Börkur Sigurbjörnsson

July 2004 Proceedings of the 27th annual international conference on Research and development in information retrieval

Full text available: pdf(209.13 KB) Additional Information: full citation, abstract, references, index terms

XML retrieval is a departure from standard document retrieval in which each individual XML element, ranging from italicized words or phrases to full blown articles, is a potentially retrievable unit. The distribution of XML element lengths is unlike what we usually observe in standard document collections, prompting us to revisit the issue of document length normalization. We perform a comparative analysis of arbitrary elements versus relevant elements, and show the importance of length as a par ...

Keywords: XML retrieval, language models, length normalization, smoothing

#### 5 Optimizing encoding: An evaluation of binary xml encoding optimizations for fast stream based xml processing

R. J. Bayardo, D. Gruhl, V. Josifovski, J. Myllymaki

May 2004 Proceedings of the 13th international conference on World Wide Web

Full text available: pdf(255.72 KB) Additional Information: full citation, abstract, references, index terms

This paper provides an objective evaluation of the performance impacts of binary XML encodings, using a fast stream-based XQuery processor as our representative application. Instead of proposing one binary format and comparing it against standard XML parsers, we investigate the individual effects of several binary encoding techniques that are shared by many proposals. Our goal is to provide a deeper understanding of the performance impacts of binary XML encodings in order to clarify the ongoing ...

Keywords: XML binary formats, XPath processing

#### 6 XML: Composite events for xml

Martin Bernauer, Gerti Kappel, Gerhard Kramler

May 2004 Proceedings of the 13th international conference on World Wide Web

Full text available: pdf(183.63 KB) Additional Information: full citation, abstract, references, index terms

Recently, active behavior has received attention in the XML field to automatically react to occurred events. Aside from proprietary approaches for enriching XML with active behavior, the W3C standardized the Document Object Model (DOM) Event Module for the detection of events in XML documents. When using any of these approaches, however, it is often impossible to decide which event to react upon because not a single event but a combination of multiple events, i.e., a composite event determines a ...

**Keywords:** active behavior, composite event, event algebra, event-condition-action rule, xml

Claudio Sacerdoti Coen, Paolo Marinelli, Fabio Vitali
May 2004 Proceedings of the 13th international conference on World Wide Web

Full text available: pdf(198.40 KB) Additional Information: full citation, abstract, references, index terms

In the past few years, a number of constraint languages for XML documents has been proposed. They are cumulatively called schema languages or validation languages and they comprise, among others, DTD, XML Schema, RELAX NG, Schematron, DSD, xlinkit. One major point of discrimination among schema languages is the support of co-constraints, or co-occurrence constraints, e.g., requiring that attribute A is present if and only if attribute B is (or is not) presentin the same element. Although ...

**Keywords:** co-constraints, schema languages, schemapath, xml

8 XML: XVM: a bridge between xml data and its behavior Quanzhong Li, Michelle Y. Kim, Edward So, Steve Wood May 2004 Proceedings of the 13th international conference on World Wide Web

Full text available: 📆 pdf(377.35 KB) Additional Information: full citation, abstract, references, index terms

XML has become one of the core technologies for contemporary business applications, especially web-based applications. To facilitate processing of diverse XML data, we propose an extensible, integrated XML processing architecture, the XML Virtual Machine (XVM), which connects XML data with their behaviors. At the same time, the XVM is also a framework for developing and deploying XML-based applications. Using component-based techniques, the XVM supports arbitrary granularity and provides a high ...

Keywords: XML, XML applications, XML processing, XVM, components, web applications

9 Database & data management: Digital asset management using a native XML database implementation

Shalaka Natu, John Mendonca

October 2003 Proceeding of the 4th conference on Information technology curriculum

Full text available: pdf(196.63 KB) Additional Information: full citation, abstract, references, index terms

Digital Asset Management (DAM), the management of digital content so that it can be cataloged, searched and re-purposed, is extremely challenging for organizations that rely on image handling and expect to gain business value from these assets. Metadata plays a crucial role in their management, and XML, with its inherent support for structural representation, is an ideal technology for this. This paper analyzes the capabilities of a native XML database solution via the development of a "proof of ...

Keywords: DAM, XML database, digital asset management, digital images

10 XIRQL: An XML query language based on information retrieval concepts Norbert Fuhr, Kai Großjohann April 2004 ACM Transactions on Information Systems (TOIS), Volume 22 Issue 2

Additional Information: full citation, abstract, references, citings, index Full text available: pdf(281.91 KB) terms

XIRQL ("circle") is an XML query language that incorporates imprecision and vagueness for both structural and content-oriented query conditions. The corresponding uncertainty is handled by a consistent probabilistic model. The core features of XIRQL are (1) document ranking based on index term weighting, (2) specificity-oriented search for retrieving the

most relevant parts of documents, (3) datatypes with vague predicates for dealing with specific types of content and (4) structural vagueness f ...

**Keywords:** Path algebra, XML, XQuery, probabilistic retrieval, ranked retrieval, vague predicates

11 Mining association rules from XML data using XQuery

Jacky W. W. Wan, Gillian Dobbie

January 2004 Proceedings of the second workshop on Australasian information security, Data Mining and Web Intelligence, and Software Internationalisation - Volume 32

Full text available: pdf(564.50 KB) Additional Information: full citation, abstract, references

In recent years XML has became very popular for representing semistructured data and a standard for data exchange over the web. Mining XML data from the web is becoming increasingly important. Several encouraging attempts at developing methods for mining XML data have been proposed. However, efficiency and simplicity are still a barrier for further development. Normally, pre-processing or post-processing are required for mining XML data, such as transforming the data from XML format to relationa ...

Keywords: Apriori algorithm, Association Rule mining, XML, XQuery

12 Automating XML documents transformations: a conceptual modelling based approach

A. Boukottaya, C. Vanoirbeek, F. Paganelli, O. Abou Khaled

January 2004 Proceedings of the first Asian-Pacific conference on Conceptual modelling - Volume 31

Full text available: pdf(366.94 KB) Additional Information: full citation, abstract, references

The growing use of XML mark-up language has made a large amount of heterogeneous XML documents widely available. As the number of applications that utilize heterogeneous XML documents grows, the importance of XML documents transformations increases greatly. A serious obstacle for translating directly between two XML documents, using languages like XSLT, is that a mapping between the two XML representations needs to be carefully specified by a human expert. Current research attempts to address th ...

**Keywords:** Layered Interoperability Model for XML Schemas, automating XML documents transformations, conceptual modelling, semantic matching

13 A normal form for XML documents

Marcelo Arenas, Leonid Libkin

March 2004 ACM Transactions on Database Systems (TODS), Volume 29 Issue 1

Full text available: 📆 odf(439.02 KB) Additional Information: full citation, abstract, references, index terms

This article takes a first step towards the design and normalization theory for XML documents. We show that, like relational databases, XML documents may contain redundant information, and may be prone to update anomalies. Furthermore, such problems are caused by certain functional dependencies among paths in the document. Our goal is to find a way of converting an arbitrary DTD into a well-designed one, that avoids these problems. We first introduce the concept of a functional dependency for XM ...

Keywords: DTDs, XML data, design, functional dependencies, normal form

14 Internet data management (IDM): Efficient management of XML contents over wireless

environment by Xstream

Eugene Y. C. Wong, Alvin T. S. Chan, Hong-Va Leong

March 2004 Proceedings of the 2004 ACM symposium on Applied computing

Full text available: pdf(452,74 KB) Additional Information: full citation, abstract, references

In this paper we investigated the issues pertaining to streaming generalized XML documents over the wireless environment. We highlight the disadvantages of employing existing approach to fragment and manage the transfer of XML contents across a wireless environment. In particular, existing approach of fragmenting data takes no consideration of the structure and semantics of the XML data. Also, using the connection-oriented transport protocol, such as TCP, will result in lower throughput due to t ...

**Keywords:** XML, fragmentation, mobile computing, streaming, wireless

15 Embedded systems: applications, solutions and techniques (EMBS): Code generation techniques for developing light-weight XML Web services for embedded devices

Robert van Engelen

March 2004 Proceedings of the 2004 ACM symposium on Applied computing

Full text available: pdf(404.19 KB) Additional Information: full citation, abstract, references

This paper presents specialized code generation techniques and runtime optimizations for developing light-weight XML Web services for embedded devices. The optimizations are implemented in the gSOAP Web services development environment for C and C++. The system supports the industry-standard XML-based Web services protocols that are intended to deliver universal access to any networked application that supports XML. With the standardization of the Web services protocols and the availability of t ...

Keywords: Web Services, XML, embedded systems, networking

16 <u>Database theory, technology and applications (DTTA): On using collection for aggregation and association relationships in XML object-relational storage</u> Eric Pardede, J. Wenny Rahayu, David Taniar March 2004 **Proceedings of the 2004 ACM symposium on Applied computing** 

Full text available: pdf(159.28 KB) Additional Information: full citation, abstract, references, index terms

XML data can be stored in different databases including Object-Relational Database (ORDB). Using ORDB, we get the benefit of the relational maturity and the richness of OO modeling. One modeling concept that can be captured is the collection. Collection structures frequently occur in XML documents especially in two relationship types: aggregation and association. However, very often when the data is stored in a database repository, the collection is flattened. We believe that preserving the coll ...

Keywords: ORDB, XML, XML schema, collection

17 <u>Database theory, technology and applications (DTTA): ConvRel: relationship conversion to XML nested structures</u>

Angela Cristina Duta, Ken Barker, Reda Alhajj

March 2004 Proceedings of the 2004 ACM symposium on Applied computing

Full text available: pdf(122.45 KB) Additional Information: full citation, abstract, references, index terms

This paper addresses the problem of efficiently transforming relational schemas into nested-based XML schemas. The proposed conversion algorithm considers preserving the structural constraints, cardinality and participation ratios, by analyzing each relation in relationship to

c ge cf c

others. Several candidate XML structures are proposed for each type of relationship according to its structural constraints from which the optimum one is chosen in terms of compact nested XML structure and determining the ...

18 Data streams (DS): An efficient single-pass query evaluator for XML data streams
Dan Olteanu, Tim Furche, François Bry

March 2004 Proceedings of the 2004 ACM symposium on Applied computing

Full text available: pdf(234.25 KB) Additional Information: full citation, abstract, references

Data streams might be preferable to data stored in memory in contexts where the data is too large or volatile, or a standard approach to data processing based on data parsing and/or storing is too time or space consuming. Emerging applications such as publish-subscribe systems, data monitoring in sensor networks [6], financial and traffic monitoring, and routing of MPEG-7 [7] call for querying data streams. In many such applications, XML streams are arguably more appropriate than flat data strea ...

Keywords: Single-Pass Query Evaluation, XML streams, XPath

19 XML security: Certificate validation service using XKMS for computational grid
Namje Park, Kiyoung Moon, Sungwon Sohn
October 2003 Proceedings of the 2003 ACM workshop on XML security

Full text available: pdf(7.01 MB) Additional Information: full citation, abstract, references, index terms

A computational grid is a hardware and software infrastructure capable of providing dependable, consistent, pervasive, and inexpensive access to high-end computational resource. There are many ways to access the resources of a computational grid, each with unique security requirements and implications for both the resource user and the resource provider. Current Grid security Infrastructure using PKI based on SSO. But open grid service Security Infrastructure in Global Grid Forum(GGF) will exten ...

**Keywords:** GSI, XKMS, XML, XML security, certificate validation, grid, key management, security

20 XML access control: A bitmap-based access control for restricted views of XML documents

Abhilash Gummadi, Jong P. Yoon, Biren Shah, Vijay Raghavan October 2003 **Proceedings of the 2003 ACM workshop on XML security** 

Full text available: pdf(268.58 KB) Additional Information: full citation, abstract, references, index terms

The information on the web is growing at a very fast pace. In this ever-accumulating data, the volume of information represented in XML format is on the rise in recent times. An organization that puts forth its information on the web in XML format has several issues to take into account such as limiting the view of intended audience to only relevant portions of the documents. To address this problem, we propose the concept of "Restricted views" to implement security in XML documents. This could ...

Keywords: XML, access control, bitmap, restricted views, security, security cube

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	GML as a bas				NL	P								

David McKelvie, Chris Brew, Henry Thompson March 1997 Proceedings of the fifth conference on Applied natural language processing

Full text available: pdf(792.46 KB) Publisher Site

Additional Information: full citation, abstract, references, citings

This paper describes the LT NSL system (McKelvie et al, 1996), an architecture for writing corpus processing tools. This system is then compared with two other systems which address similar issues, the GATE system (Cunningham et al, 1995) and the IMS Corpus Workbench (Christ, 1994). In particular we address the advantages and disadvantages of an SGML approach compared with a non-SGML database approach.

2 Book Reviews: Review of "Practical SGML" by Eric van Herwijnen. Kluwer Academic Publishers 1990.

Carol Van Ess-Dkema

March 1991 Computational Linguistics, Volume 17 Issue 1

Full text available: pdf(471.73 KB)

Publisher Site

Additional Information: full citation, references

3 An SGML-based programming environment for literate programming

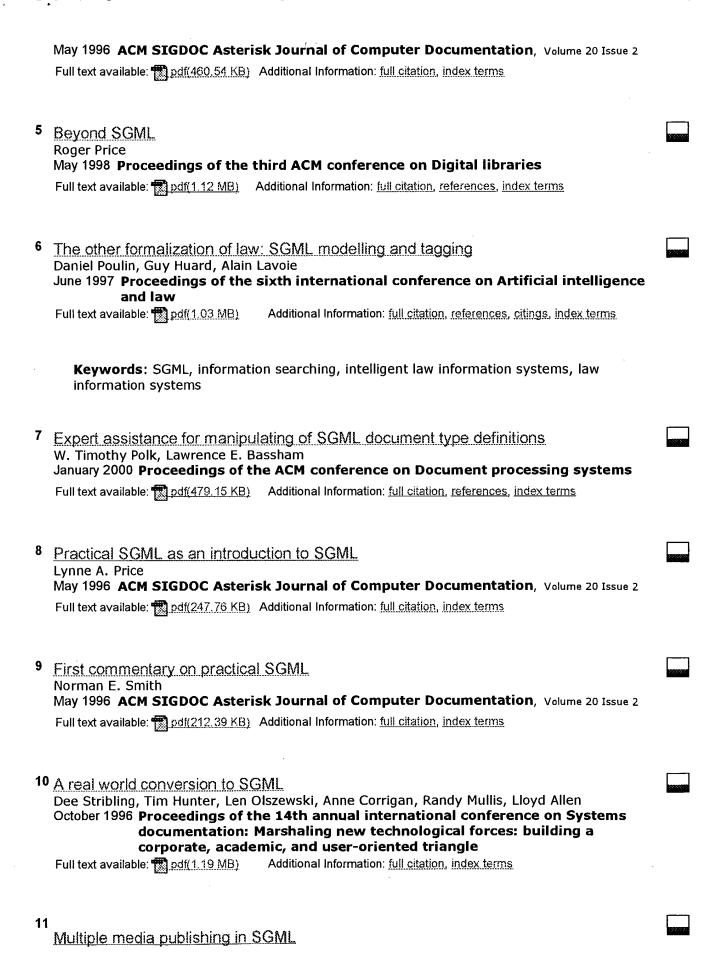
Daniel Morales-Germán

October 1994 Proceedings of the 1994 conference of the Centre for Advanced Studies on Collaborative research

Full text available: 📆 pdf(141.63 KB) Additional Information: full citation, abstract, references, index terms

Literate Programming is a documentation method that attempts to maintain consistency among the various design and program documents of a software system. Unfortunately the majority of the literate programming tools do not have appropriate user interfaces and require the users to learn complicated and cryptic tagging languages. SGML is a metalanguage used to specify markup or tagging languages that can be used to encode the structure of documents. Since SGML is an ISO standard and is being widely ...

4 How practical is practical SGML? Robert J. Glushko



Paul Prescod

October 1996 Proceedings of the 14th annual international conference on Systems documentation: Marshaling new technological forces: building a corporate, academic, and user-oriented triangle

Full text available: cdf(698.03 KB) Additional Information: full citation, index terms

12	Difficulties in parsing SGML  Jim Heath, Larry Welsch  January 2000 Proceedings of the ACM conference on Document processing systems	
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16	Increasing access to information for the print disabled through electronic documents in SGML  B. Bauwens, J. Engelen, F. Evenepoel, C. Tobin, T. Wesley  October 1994 Proceedings of the first annual ACM conference on Assistive technologies	10000
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	There is a growing conviction that the Standard Generalized Markup Language, SGML, can play an important role as an enabling technology to increase access to information for blind and partially sighted people. This paper reports on mechanisms that have been devised to build in accessibility into SGML encoded electronic documents, concentrating on the work done in the CAPS Consortium—Communication and Access to Information for People with	

17 A new tool for SGML with applications for the World Wide Web R. W. Matzen, G. E. Hedrick February 1998 Proceedings of the 1998 ACM symposium on Applied Computing

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Full text available: pdf(848.66 KB) Additional Information: full citation, references, citings, index terms Keywords: DTD, HTML, SGML, WWW, exceptions 18 SST: using single-sourcing, SGML, and teamwork for documentation Carl Stieren October 1999 Proceedings of the 17th annual international conference on Computer documentation Full text available: to pdf(784.56 KB) Additional Information: full citation, abstract, references, index terms Suppose you don't have a fancy database-driven system to generate your documentation. How can you develop single-source documentation for output in multiple formats, without having to store your source in a specific format that will soon become obsolete? The answer is to use a combination of your own SGML or XML tags to mark up your documentation and a simple OmniMark® program to create each output format and presentation style. There's also a third ingredient: teamwork. As much as any ... **Keywords:** HTML, SGML, XML, print, single-source, teamwork 19 An object-oriented SGML/HyTime compliant multimedia database management system M. Tamer Özsu, Paul Iglinski, Duane Szafron, Sherine El-Medani, Manuela Junghanns November 1997 Proceedings of the fifth ACM international conference on Multimedia Full text available: pdf(1,77 MB) Additional Information: full citation, references, citings, index terms 20 Book Review SGML CD: A Complete SGML Toolkit Terry Dawson March 1998 Linux Journal Full text available: 4 html(5.14 KB) Additional Information: full citation, index terms

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